

### Certificate of Analysis

**Product: Sodium hydroxide 50% Solution**  
**Item Number: SOHYDLL50**  
**Grade: Lab**  
**Lot Number: 5000126/1.1**  
**Manufacture Date: 03/27/2023**  
**Expiration Date: 03/26/2026**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
NaOH Appearance	As reported	Clear and free
Assay (NaOH)	49.00 - 51.50%	49.23%
Na <sub>2</sub> O	37.97 - 39.90%	38.14%
Sodium chloride	<=100 ppm	25 ppm
Iron	3.0 ppm	0.5 ppm
Sodium Chlorate	<=20 ppm	4 ppm
Sodium sulfate	<=20 ppm	4 ppm
Specific gravity	As reported	1.5200
Sodium carbonate	As reported	0.0080%
Copper	As reported	0.00 ppm
Nickel	As reported	0.10 ppm
Aluminium	As reported	0.00 ppm
Calcium	As reported	0.00 ppm
Chromium	As reported	0.03 ppm
Lead	As reported	0.00 ppm
Potassium	As reported	192.0 ppm
Zinc	As reported	0.0 ppm
Silica	As reported	0.0 ppm
Mercury	As reported	0.0 ppm
Magnesium	As reported	0.00 ppm

[Phone: 512-668-9918](tel:512-668-9918), [Fax: 512-886-4008](tel:512-886-4008),  
[E-mail: Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2023 Lab Alley



**LAB ALLEY**  
ESSENTIAL CHEMICALS



### Sodium hydroxide 50% Solution

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

This document was electronically issued and is therefore valid without a signature.

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [Customerservice@laballey.com](mailto:Customerservice@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2023 Lab Alley